

Statewide WEAP Demand Model

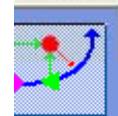
CWP 2013

Preliminary Results

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WEAP: WEAP_StateWide_061809

File Edit View Schematic General Help



Schematic



Data



Results



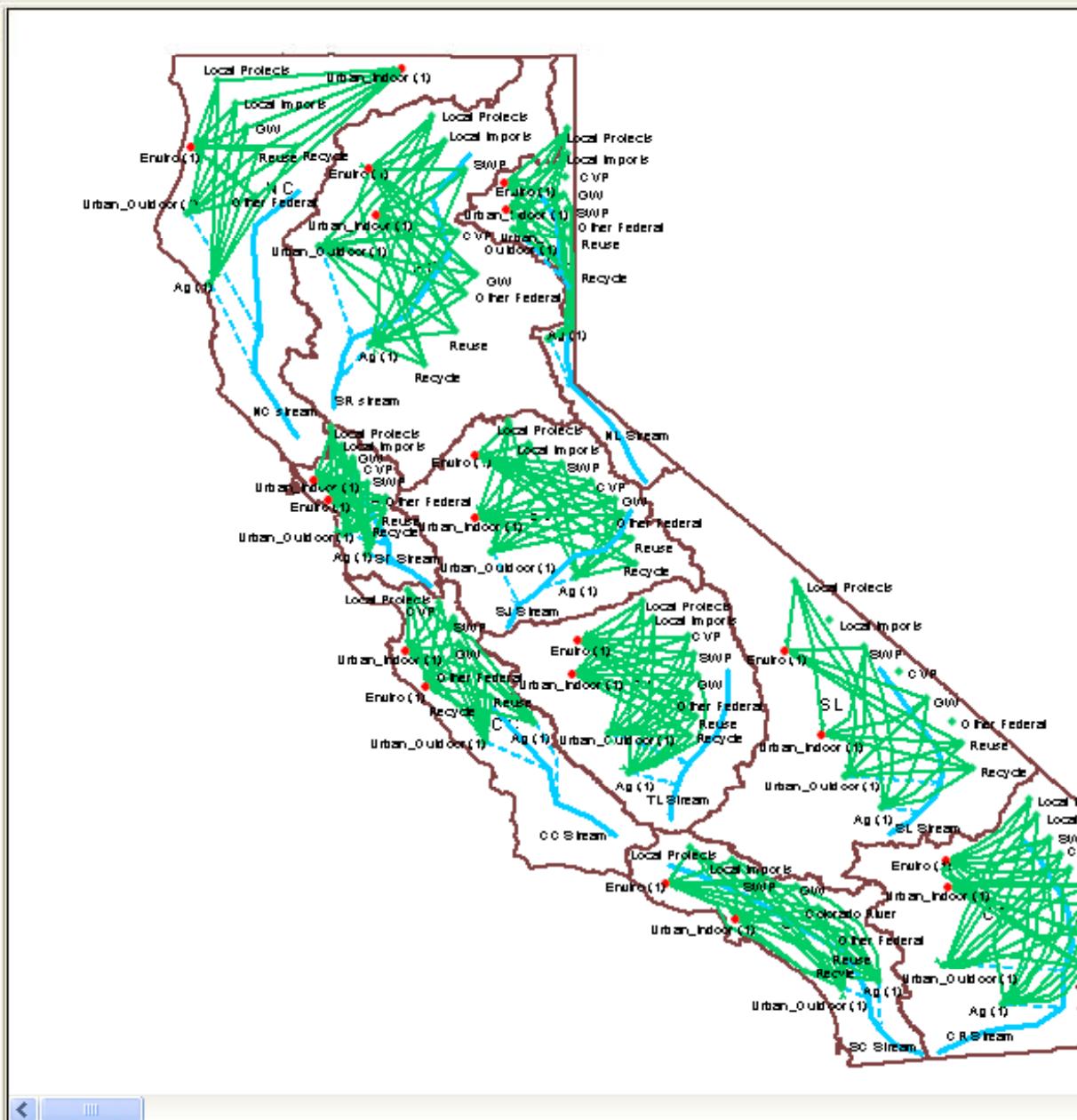
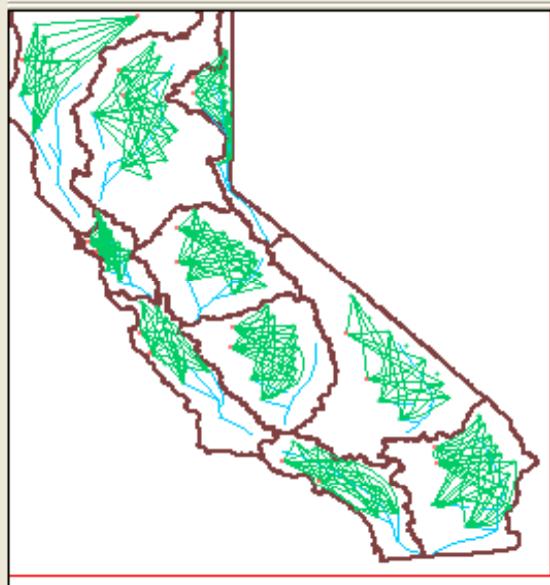
Scenario Explorer



Notes

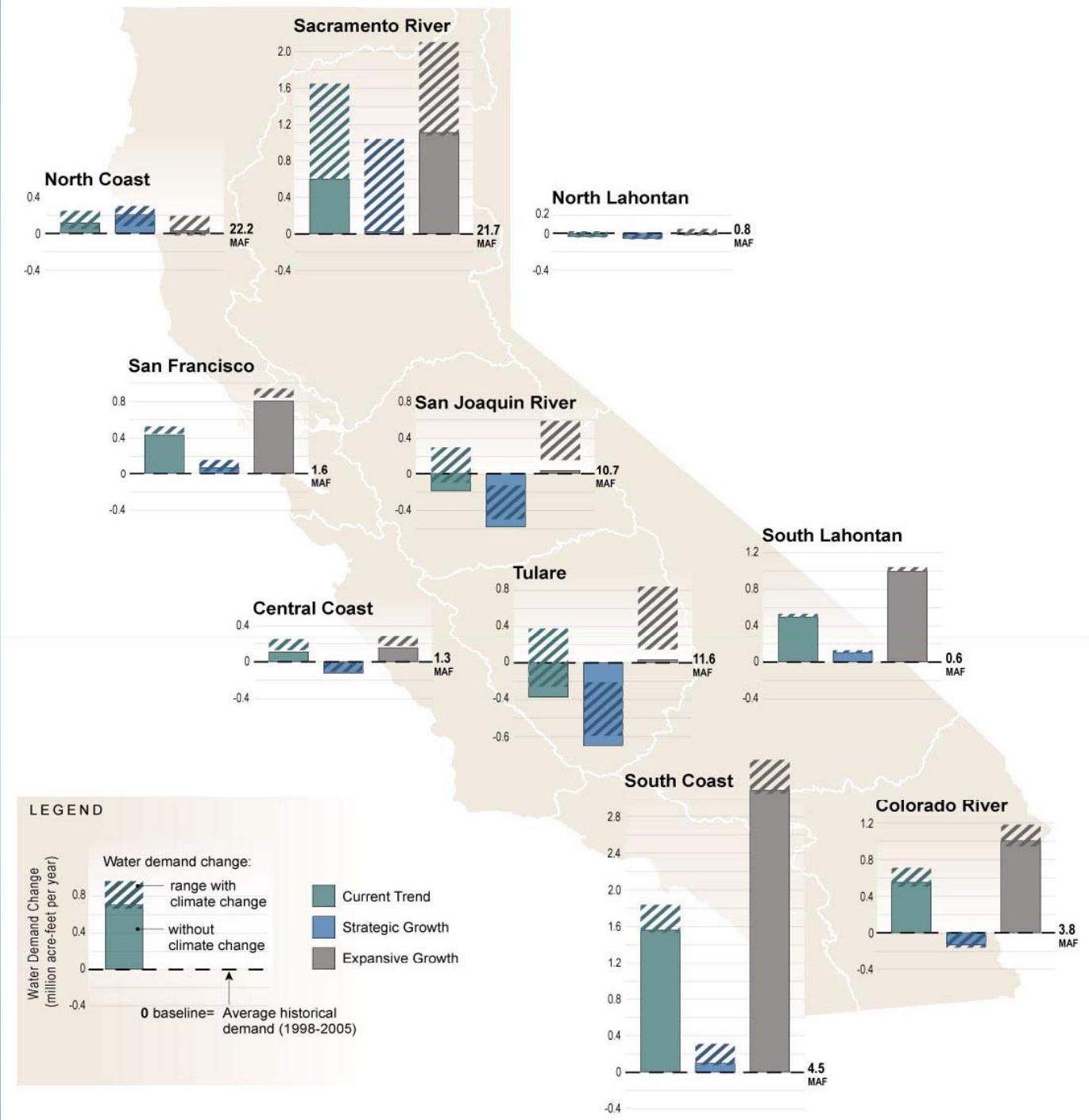
- River (10)
- Diversion
- Reservoir
- Groundwater
- Other Supply (78)
- Demand Site (20)
- Catchment (20)
- Runoff/Infiltration (20)
- Transmission Link (280)
- Wastewater Treatment Plant
- Return Flow
- Run of River Hydro
- Flow Requirement

- Major Rivers
- hyregion-ver2-Miller
- country



Update 2009

Regional Water Demand Changes By Scenario

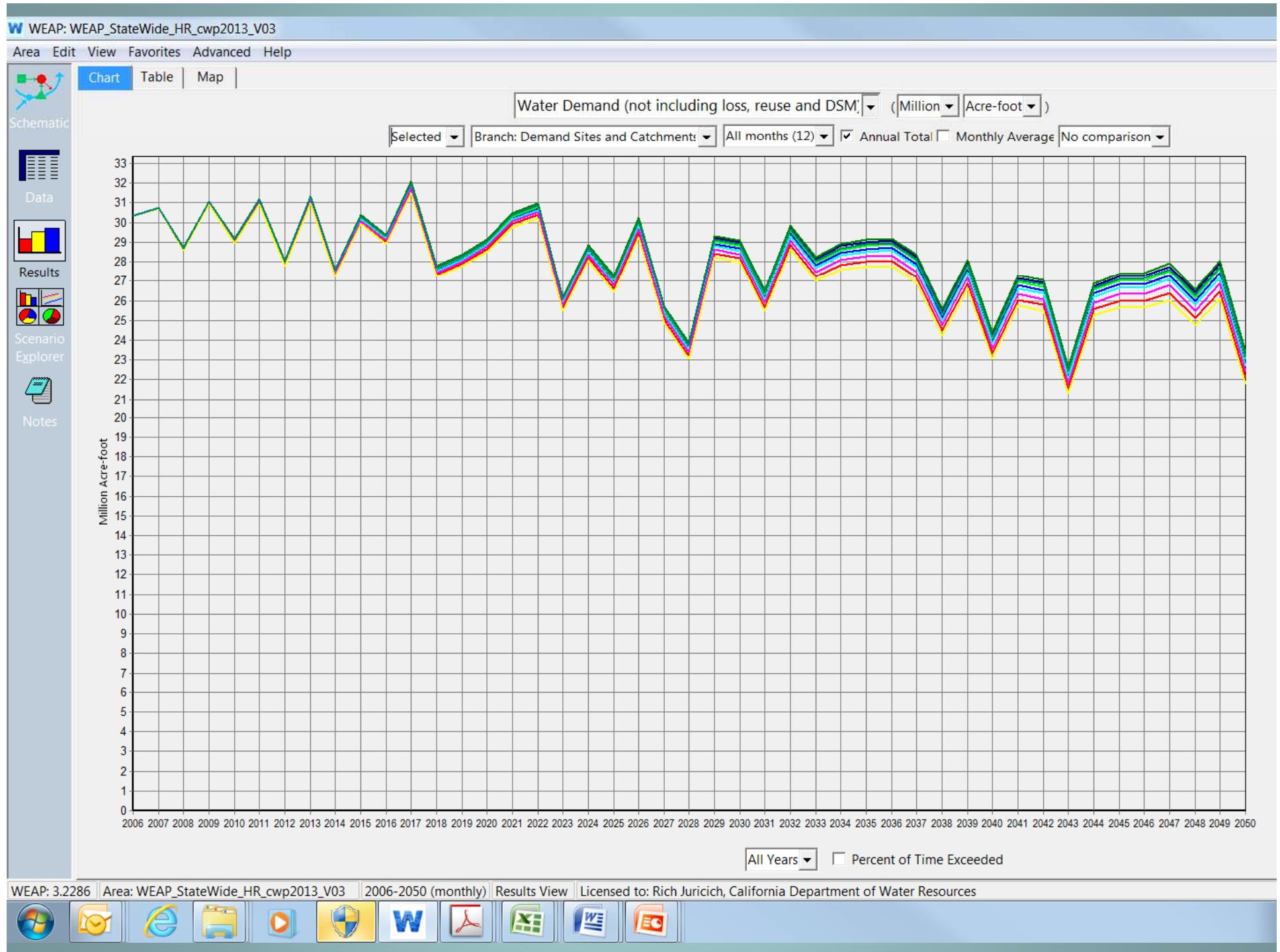


How is it different this time ?

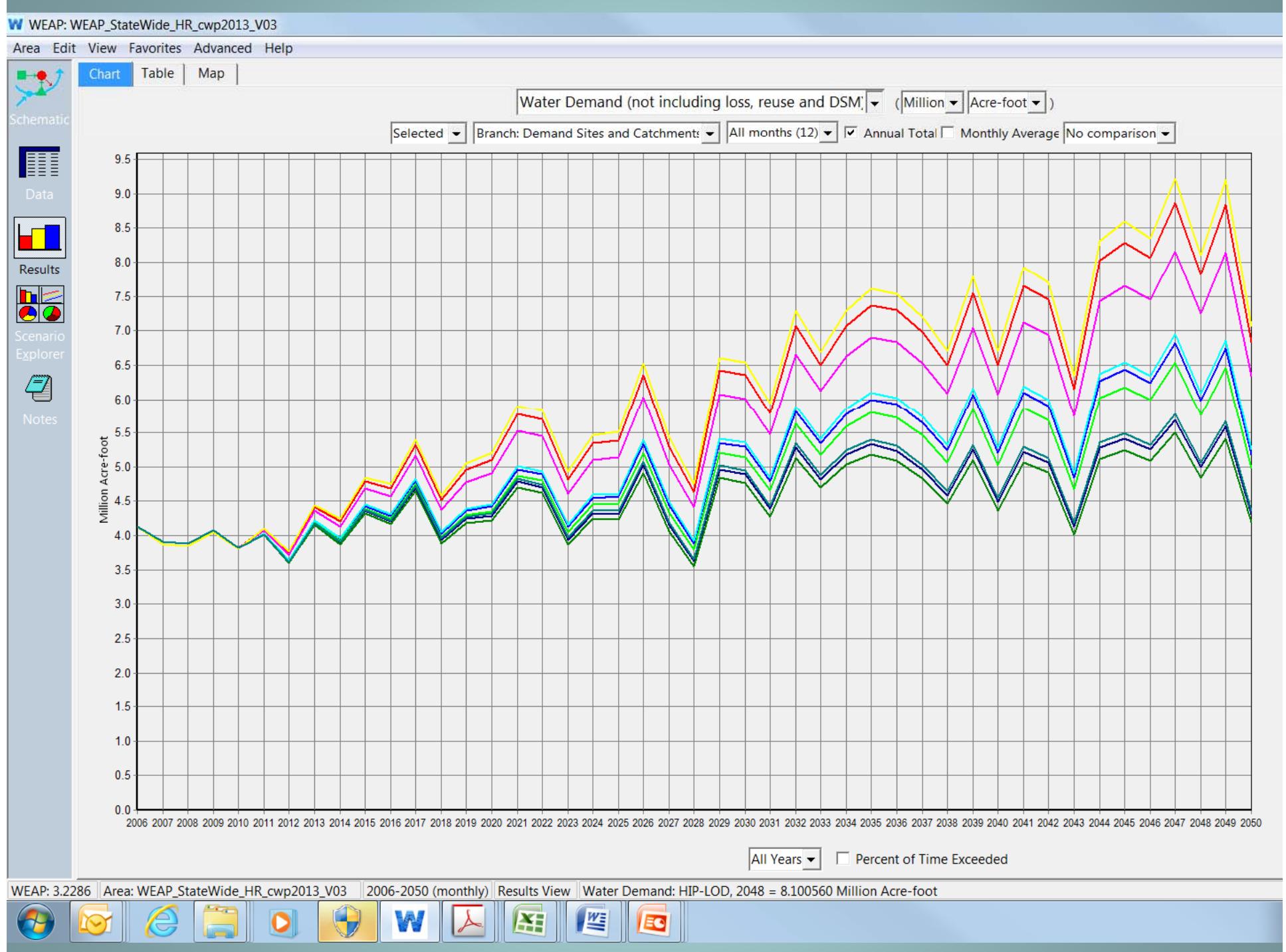
- CWP 2009
 - 3 Demographics Scenarios
 - Current Trends Growth
 - Slow & Strategic Growth
 - Expansive Growth
- CWP 2013
 - 9 Demographics Scenarios
 - 3 population x 3 housing density
- The same 12 CAT climate change scenarios + 1 repeat of historical climate (1962-2006)

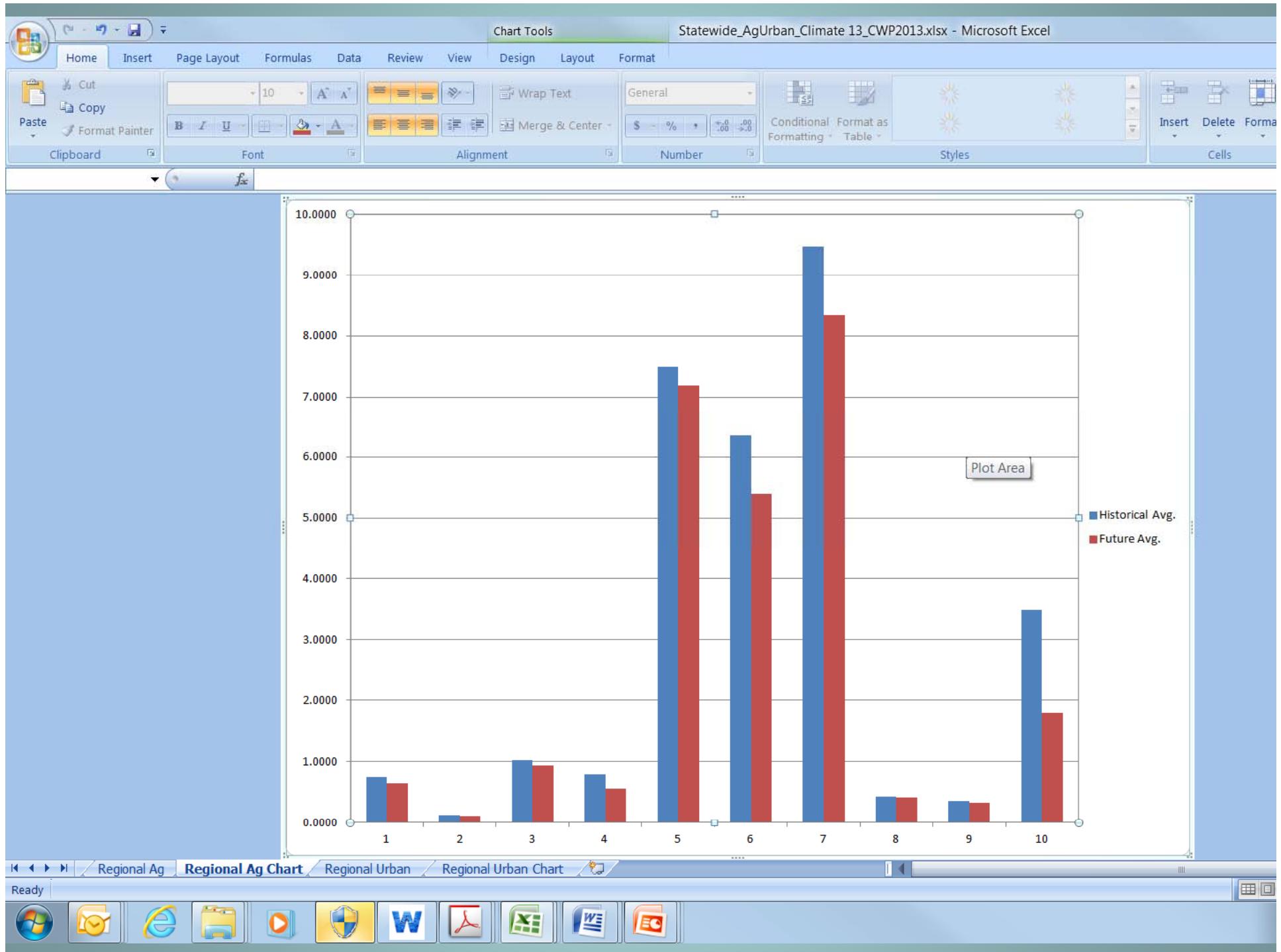
Future Statewide Population & Housing Density Scenarios

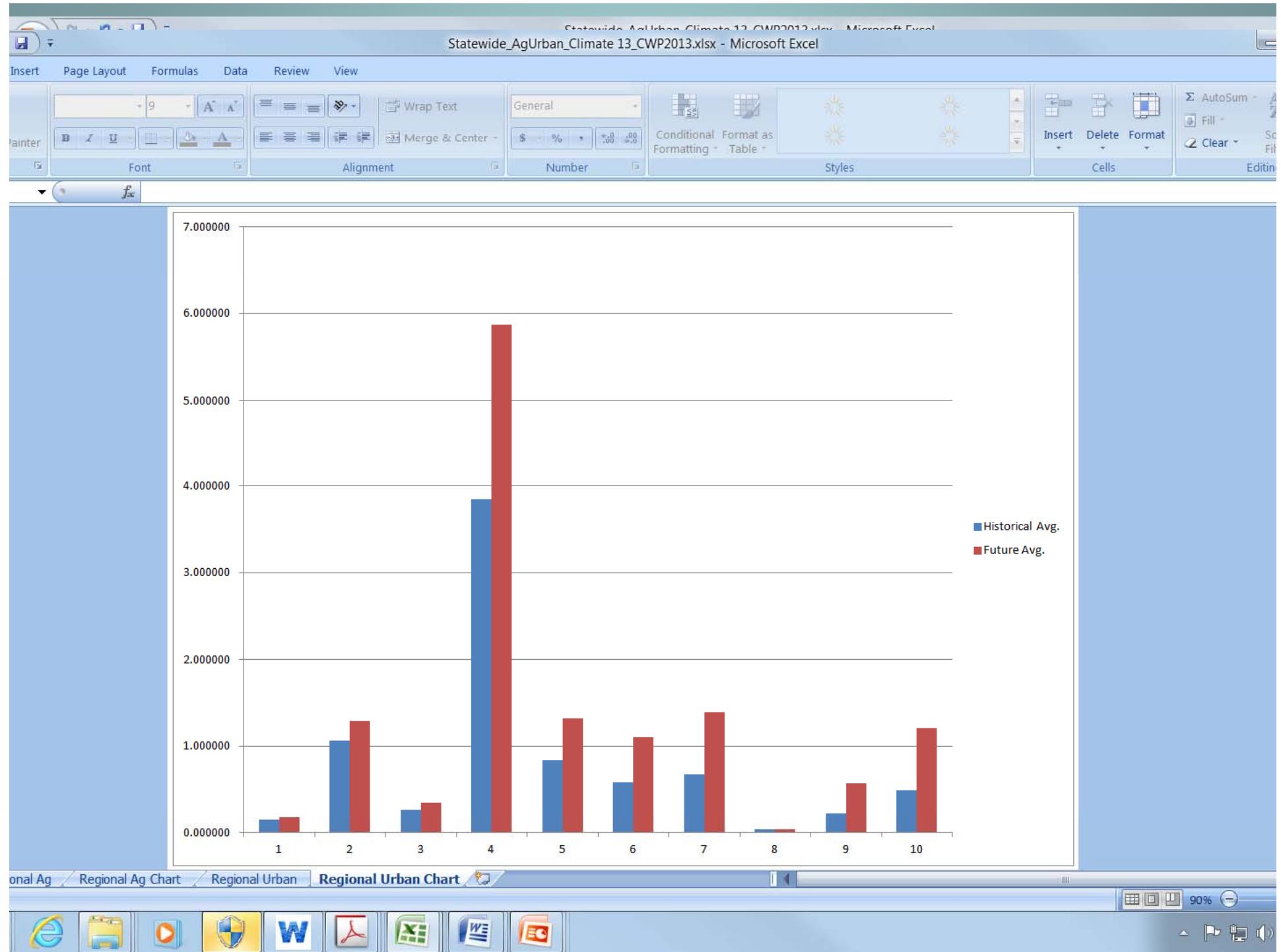
- Current Trend Pop (CTP) • 51,013,984
 - Current Trend Density (CTD)
 - Low Density (LOD)
 - High Density (HID)
 - Low Population (LOP) • 43,949,342
 - Current Trend Density (CTD)
 - Low Density (LOD)
 - High Density (HID)
 - High Population (HIP) • 69,376,362
 - Current Trend Density (CTD)
 - Low Density (LOD)
 - High Density (HID)
- * Base Year (2006) Pop
• 36,246,822)











Next ?

- Re-run WEAP with 12 CAT climate change scenarios.
- Determine possible ranges of future changes in demand under different population growth and climate scenarios.